



DESCRIPTION

The Electro-Voice Model E-V SEVEN•B system is a carefully designed two-way reproducer offering outstanding performance in an enclosure of surprisingly modest dimensions. Lower distortion and wide frequency range are achieved by the use of two separate drivers, each handling a special portion of the audible spectrum. The component-quality 8-inch woofer features such refinements as an Alnico V magnet, precision-wound voice coil, and a linear suspension, which allows long, yet carefully controlled, excursions.

Frequencies above 2000 Hz are handled by a three and one-half-inch specially-constructed, cone-type tweeter which provides exceptionally smooth treble response without undesirable harshness. Excellent high-frequency dispersion insures lifelike realism, especially when the E-V SEVEN•B is used in stereo applications. A two-way electrical crossover provides smooth transition from one driver unit to the other. Finest quality components including encapsulated inductors are employed for maximum power handling capacity and crossover frequency accuracy.

The attractive E-V SEVEN•B enclosure is rigidly constructed throughout and is handsomely finished in walnut on all four sides. The nameplate may be rotated to permit either horizontal or vertical placement.

SPECIFICATIONS

Frequency Response:	50 to 15,000 Hz
Nominal Impedance:	8 ohms
Power Handling Capacity	
Program:	25 watts
Peak:	50 watts
Dimensions:	10" H x 19" W x 8½" D
Finish:	Walnut
Shipping Weight:	23 pounds

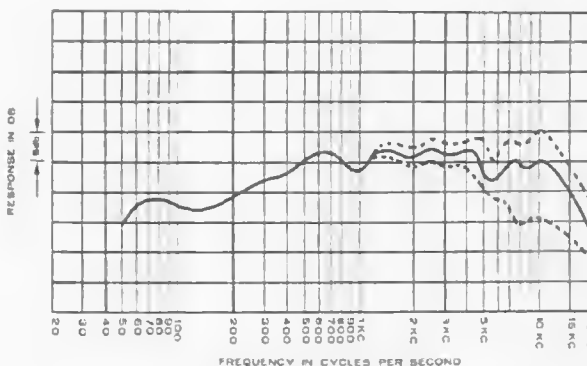


Figure 1—Representative Frequency Response and Range of Balance Control Action

PLACEMENT

The E-V SEVEN•B may be placed on a table, shelf, or on the floor. Generally however, the most realism will be obtained if its height from the floor is near the listener's ear level. The E-V SEVEN•B performs equally well placed in a horizontal or vertical position. The nameplate may be rotated to accommodate either placement.

The above comments apply also to stereophonic placement. Additionally, however, the two systems should be far enough apart to permit listeners to sit at the apex of a thirty- to forty-degree angle, as illustrated. A distance of six to eight feet between stereo speakers will, in most rooms, provide natural separation. Placing the loudspeakers too close together or listening at too great a distance will destroy the stereo effect, and the sound heard will be essentially monophonic. Extreme spacing between speakers or listening at too short a distance will produce exaggerated and unreal separation. In long rooms, the loudspeakers should be placed along one of the short walls facing into the long room dimension. This improves bass reproduction and provides good stereo listening over most of the room.

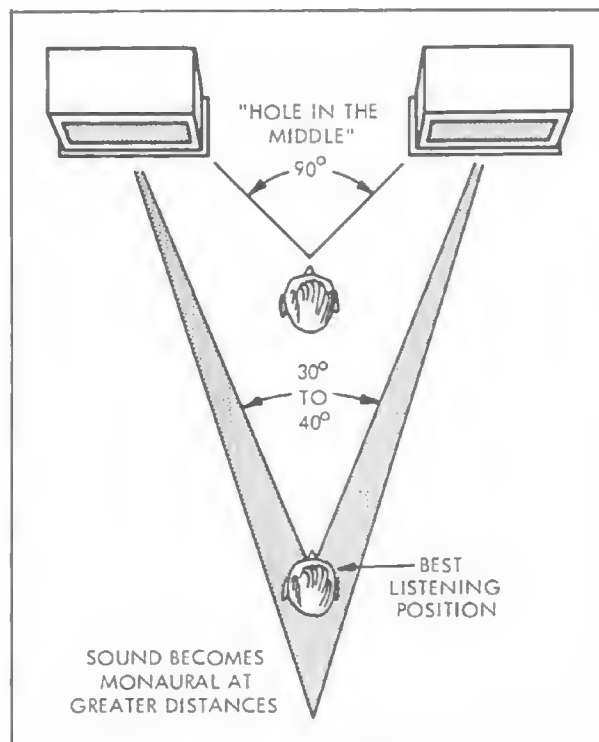


Figure 2—Placement for Stereo

AMPLIFIER CONNECTIONS

The E-V SEVEN•B has a nominal impedance of eight ohms. Connections should be made between the left terminal (T1) and the amplifier 8-ohm terminal; the right terminal (T2) should be connected to the amplifier "common" terminal (sometimes referred to as "O" or "C"). Connections should be made with No. 18 or larger wire; common zip- or lamp-cord is satisfactory. If the speaker leads are to be run behind a molding strip or under a carpet, TV twin lead may be used.

ADJUSTMENT OF BALANCE CONTROL

The E-V SEVEN•B is equipped with a continuously-variable balance control to adjust the high-frequency response of the system to varying acoustical environments. The "normal" position, indicated on the control, should be correct in most instances. Acoustically "hard" or "live" rooms may require a retarded setting of the control to compensate for the greater amount of high-frequency reflection. In "soft" or "dead" rooms with carpeting, soft furniture, and draperies, an advanced setting of the control will normally be required. The best guide to setting the control properly is a familiarity with the sound of live music. That position of the control which provides the musical balance most satisfactory to you is correct.

CUSTOMER SERVICE

Your E-V SEVEN•B system has been packed to provide protection well in excess of shipping requirements of the Interstate Commerce Commission. If shipping damage occurs, contact the dealer from whom the unit was purchased or the carrier and request inspection and further instructions.

GUARANTEE

Your Electro-Voice speaker system is guaranteed for five years from date of purchase against failure due to defects in material or workmanship. Within this period, Electro-Voice will repair or replace (at our option) any defective system delivered to us or our service agency. The unit will be returned prepaid and without charge for material or labor. Excluded from this guarantee are finishes and failures caused by shipping damage or physical abuse. Operation under conditions other than those encountered in typical installations, operation in excess of specified ratings, or repair by other than Electro-Voice or its authorized service agencies will void this guarantee. Should difficulty occur, contact the Electro-Voice Service Manager for instructions.